

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 37697-0035

First Inventor Edward W. MERRILL et al

Title RADIATION AND MELT TREATED ULTRA HIGH MOLECULAR
WEIGHT POLYETHYLENE PROSTHETIC DEVICES

Express Mail Label No.

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 95]
(preferred arrangement set forth below)
- Descriptive title of the invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table,
or a computer program listing appendix
- Background of the invention
- Brief Summary of the invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 9]
5. Oath or Declaration [Total Pages 4]
a. ☐ Newly executed (original or copy)
b. ☒ Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b)
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
a. ☐ Computer Readable Form (CRF)
b. Specification Sequence Listing on:
i. ☐ CD-ROM or CD-R (2 copies); or
ii. ☐ paper
c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. § 3.73(b) Statement ☐ Power of
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure ☐ Copies of IDS
Statement (IDS)/PTO-1449 Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. ☒ Other:

(1) Revocation of Prior Powers of Attorney By Assignee,
Appointment of New Power of Attorney By Assignee, Change of
Correspondence Address filed in 09/572,324;
(2) Change of Correspondence Address

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,
or in an Application Data Sheet under 37 CFR 1.76:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)of prior application No. 09 / 572,324Prior application information. Examiner C. KohGroup / Art Unit. 3738

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied
under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference.
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS☒ Customer Number or Bar Code Labelor ☒ Correspondence address below

| | | | | | | |
|---------|---------------------------------------|-----------|----------------|----------|----------------|--|
| Name | HELLER EHRMAN WHITE & MCAULIFFE 26633 | | | | | |
| Address | 1666 K Street, N.W. Suite 300 | | | | | |
| City | Washington | State | D.C. | Zip Code | 20006 | |
| Country | U.S.A. | Telephone | (202) 912-2000 | Fax | (202) 912-2020 | |

| | | | |
|-------------------|-----------------|-----------------------------------|----------------|
| Name (Print/Type) | John P. Isacson | Registration No. (Attorney/Agent) | 33,715 |
| Signature | | Date | April 26, 2001 |

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision

Complete if Known

| | |
|----------------------|--------------------------|
| Application Number | To be assigned |
| Filing Date | Concurrently herewith |
| First Named Inventor | Edward W. MERRILL et al. |
| Examiner Name | To be assigned |
| Group / Art Unit | To be assigned |
| Attorney Docket No. | 37697-0035 |

TOTAL AMOUNT OF PAYMENT (\$) 1458

METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to.

Deposit
Account
Number

08-1641

Deposit
Account
Name

HELLER EHRMAN WHITE & MCAULIFFE

- ☒ Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17
☐ Applicant claims small entity status.
See 37 CFR 1.27

2. ☒ Payment Enclosed.

- ☒ Check ☐ Credit card ☐ Money
Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | Fee Paid |
|----------------------|-----------------------|----------------------|-----------------------|------------------------|----------|
| 101 | 710 | 201 | 355 | Utility filing fee | 710 |
| 106 | 320 | 206 | 160 | Design filing fee | |
| 107 | 490 | 207 | 245 | Plant filing fee | |
| 108 | 710 | 208 | 355 | Reissue filing fee | |
| 114 | 150 | 214 | 75 | Provisional filing fee | |

SUBTOTAL (1)

(\$) 710

2. EXTRA CLAIM FEES

| | | | | | | | | |
|-----------------------|----|-----|---|---|---|----|---|-----|
| Total Claims | 26 | -20 | = | 6 | X | 18 | = | 108 |
| Independent Claims | 11 | -3 | = | 8 | X | 80 | = | 640 |
| Multiple Dependent | 0 | | | | X | | = | 0 |

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description |
|----------------------|-----------------------|----------------------|-----------------------|--|
| 103 | 18 | 203 | 9 | Claims in excess of 20 |
| 102 | 80 | 202 | 40 | Independent claims in excess of 3 |
| 104 | 270 | 204 | 135 | Multiple dependent claim, if not paid |
| 109 | 80 | 209 | 40 | ** Reissue independent claims over original patent |
| 110 | 18 | 210 | 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2)

(\$) 748

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description | Fee Paid |
|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--|----------|
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | 139 | 130 | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | For filing a request for reexamination | |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | |
| 116 | 390 | 216 | 195 | Extension for reply within second month | |
| 117 | 890 | 217 | 445 | Extension for reply within third month | |
| 118 | 1,390 | 218 | 695 | Extension for reply within fourth month | |
| 128 | 1,890 | 228 | 945 | Extension for reply within fifth month | |
| 119 | 310 | 219 | 155 | Notice of Appeal | |
| 120 | 310 | 220 | 155 | Filing a brief in support of an appeal | |
| 121 | 270 | 221 | 135 | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive -- unavoidable | |
| 141 | 1,240 | 241 | 620 | Petition to revive -- unintentional | |
| 142 | 1,240 | 242 | 620 | Utility issue fee (or reissue) | |
| 143 | 440 | 243 | 220 | Design issue fee | |
| 144 | 600 | 244 | 300 | Plant issue fee | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| 123 | 130 | 123 | 130 | Petitions related to provisional applications | |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | |
| 146 | 710 | 246 | 355 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 | 710 | 249 | 355 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 179 | 710 | 279 | 355 | Request for Continued Examination (RCE) | |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | |

Other fee (specify)

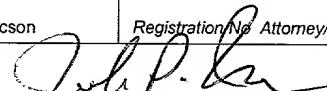
*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$) 0

SUBMITTED BY

Complete (if applicable)

| | | | | | |
|-------------------|---|------------------|--------|-----------|----------------|
| Name (Print/Type) | John P. Isacson | Registration No. | 33,715 | Telephone | (202) 912-2000 |
| Signature |  | Attorney/Agent | | Date | April 26, 2001 |

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26633

PATENT TRADEMARK OFFICE

Please type a plus sign (+) inside this box →

+

PTO/SB/122 (10-00)

Approved for use through 10/31/2002 OMB 0651-0035
U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

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**CHANGE OF
CORRESPONDENCE ADDRESS
Application**

Address to:
Assistant Commissioner for Patents
Washington, D.C. 20231

| | |
|------------------------|--------------------------|
| Application Number | To be assigned |
| Filing Date | Concurrently herewith |
| First Named Inventor | Edward W. MERRILL et al. |
| Group Art Unit | To be assigned |
| Examiner Name | To be assigned |
| Attorney Docket Number | 37697-0035 |

Please change the Correspondence Address for the above-identified application to:



Customer Number

26633

Type Customer Number here



26633

OR



Firm or
Individual Name

HELLER EHRMAN WHITE & MCAULIFFE

Address

1666 K Street, N.W.

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This form cannot be used to change the data associated with a Customer Number. To change the data associated with an existing Customer Number use "Request for Customer Number Data Change" (PTO/SB/124).

I am the :



Applicant.



Assignee of record of the entire interest.
Certificate under 37 CFR 3.73(b) is enclosed.



Attorney or agent of record.



Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number

Typed or
Printed Name

John P. Isacson, Reg. No. 33,715

Signature

Date

April 26, 2001

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 1 forms are submitted.